

Security Information

## Office Memorandum • UNITED STATES GOVERNMENT

TO :

DATE: 25 August 1953

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FROM :

SUBJECT: Operational Test Program for ARCS Prototype Models

1. Mr. E. R. McCoppin, USAF Project Engineer for ARCS, recently visited Washington and, among other things, the test program for the [redacted] was discussed. Mr. McCoppin indicated that the Air Force would conduct the complete environmental tests, including temperature, humidity, fungus, altitude, shake and drop tests. It would seem desirable to insure that an Agency representative witness certain portions of these tests.

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2. It was estimated that [redacted] would make delivery of the prototypes to Wright Field sometime during the period from October to December of this year. It would seem desirable to initiate planning concerning our own operational tests as soon as possible. Coordination of operational tests between the Air Force and this Agency was suggested by Mr. McCoppin. The Air Force tests will be coordinated with SAC and possible base station sites include Omaha and Reno.

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3. Tests by this Agency may be conducted for the dual purpose of determining technical acceptance and providing operator training and familiarity with the ARCS system.

4. A possibility worthy of consideration is that the initial installation of the [redacted] be made at a location where it could be put into actual operational usage if and when conditions warranted this action.

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5. Inasmuch as the delivery time for this equipment is rapidly approaching, it is recommended that policy decisions be sought concerning a test program for the ARCS.

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